



CSLF-T-2006-05
22 February 2006

TECHNICAL GROUP

**STATUS REPORT BY THE
TASK FORCE TO IDENTIFY GAPS IN MEASUREMENT, MONITORING
AND VERIFICATION OF GEOLOGIC CO₂ STORAGE**

Note by the Secretariat

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Background

At the meeting of the Technical Group in Melbourne, Australia, on 15 September 2004, a Task Force was created to identify gaps in the measurement, monitoring, and verification of geologic CO₂ storage. This Task Force produced a Discussion Paper that was accepted at the meeting of the Technical Group in Oviedo, Spain, on 30 April 2005, and whose results were highlighted at the meeting of the Technical Group in Berlin, Germany, on 27 September 2005. It was agreed at the meeting in Berlin, Germany, that the Task Force would identify any differences between the Discussion Paper and the Intergovernmental Panel on Climate Change Report on Guidelines for Geologic Storage. The Technical Group also directed the Task Force to expand the Discussion Paper to include the scientific basis for existing Measurement, Monitoring, and Verification regulatory requirements associated with geologic CO₂ storage.

Actions Requested

The Technical Group is requested to review and consider the Status Report by the Task Force to Identify Gaps in Measurement, Management and Verification of Geologic CO₂.

Conclusions

The Technical Group is invited to note in the Minutes of its 3 April 2006 meeting that:

“The Technical Group reviewed and considered the Status Report by the Task Force to Identify Gaps in Measurement, Monitoring, and Verification of Geologic CO₂ Storage.”



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The minutes of the Technical Group meeting at the last CSLF meeting in Berlin, Germany, noted the following activity assigned to the CO₂ Measuring, Monitoring and Verification of Geologic CO₂ Storage (MMV) Task Force:

- Canada suggested that as a next step, the Task Force could provide a discussion of the scientific basis behind existing Measurement, Monitoring, and Verification regulatory requirements associated with geologic CO₂ storage. Additionally, it was agreed that this Task Force would also identify any differences between the discussion paper and the Intergovernmental Panel on Climate Change (IPCC) Report.

Following the CSLF meeting, several members participated in the International Energy Agency (IEA) Greenhouse Gas (GHG) Programme Executive Committee (ExCo) meeting in London, England. Over the course of the meeting, the IEA indicated that it would be conducting a gap analysis of the IPCC Special Report on CO₂ Capture and Storage (SRCCS). It was decided that the MMV Task Force would await the report of the IEA rather than duplicate effort in this area. The IEA has completed their analysis and summarized the results in a report entitled "Review of IPCC SRCCS Gaps in Knowledge." The key findings of this report will be presented at the CSLF Technical Group meeting in Delhi. Once the report has been reviewed and approved by the IEA ExCo at their meeting in Buenos Aires, April 5-7, 2006, we will seek permission to post the document on the CSLF website, with acknowledgments to the IEA GHG Programme.

With respect to developing a discussion paper on the scientific basis behind existing regulations for waste disposal in geological formations, this work is not sufficiently developed for presentation at this time.